

Clearfield Street (T-862) Bridge Replacement

Client: Cooper Township Supervisors

Clearfield County, PA

Year: 2019 Cost: \$250,000



Gwin, Dobson & Foreman served as the design engineer for the replacement of a deteriorating concrete bridge on Clearfield Street (T-862) in Cooper Township, which spans an unnamed tributary to Moshannon Creek. GD&F designed a cost-effective solution using an aluminum structural plate pipe-arch structure with aluminum wing walls and full invert bottom.

The new structure improves the roadway alignment and stream hydraulics while providing additional culvert capacity. GD&F performed the preliminary and final design engineering work. This project was funded by the Pennsylvania Department of Transportation, Multimodal Transportation Fund (MTF).

The project was designed according to PennDOT standards. The bridge replacement was completed and open to traffic within four weeks from the start of construction.